



Cougar IP68: special for swimming pools

Silicone upgrade *Now up to 5 years warranty*

The Cougar IP68 LED strips by Lluria take a leap in quality and evolve by changing their PVC coating to a silicone one. This new product provides several benefits.



Injected and flush connectors

The connectors are now better integrated, without protruding from the strip volume itself, resulting in a much more aesthetic, easier and simpler installation.



More efficiency

The lumens of our Cougar range are increased, which allows a higher light intensity for aquatic spaces, thanks to the silicone.



Temperature resistance

Increased resistance to extreme temperatures. This feature is ideal for applications in environments with thermal contrasts, such as thermal pools or spas, where temperatures can fluctuate dramatically.

PVC ³Warranty Years



Connector

Front output



Connector

Bottom output



Connector

Right output



Connector

Left output



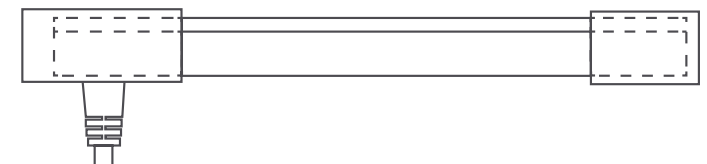
End cap

⁵Warranty Years Silicone

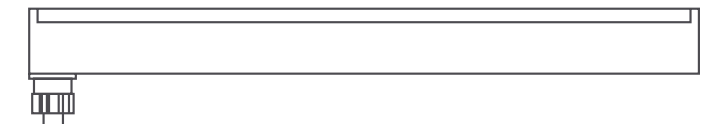


Sal Rossa apartments - Ibiza
by Aixut Interiorisme

PVC



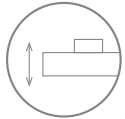
Silicone





More length

It has increased the length of most LED strips by up to 50%, while maintaining the same connections to the power supplies.



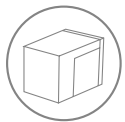
More reliability

With a thicker PCB (Printed Circuit Board), the reliability of the processor and consequently of the strip is improved.¹



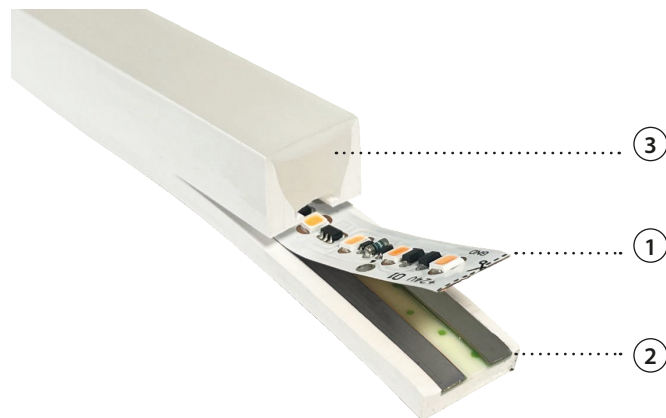
Improved performance

Conductivity is improved and performance optimised, thanks to an evolution in electrified rails.²



Uniformity

The full silicone coating allows the light body to be self-cleaning and anti-UV, as well as maintaining constant illumination.³



Lluria synonymous with quality



Longevity

Its long life, with more than **50.000 hours of service life**, guarantees less maintenance and replacements.



Flexibility

Thanks to their flexible design, these strips can be adjusted both **horizontally and vertically** to fit into spaces, allowing for easy adaptation to various pool shapes and sizes.



Chlorine and salinity resistance

Due to its protection index and its silicone coating, it is perfectly resistant to **chlorine** and **salt water**. This allows for great versatility in aquatic installations of all kinds.



Variety of colours

They are available in a wide range of colour temperature and colour from **monochromatic, RGB, RGBW, Double White** or **Dim to Warm**.

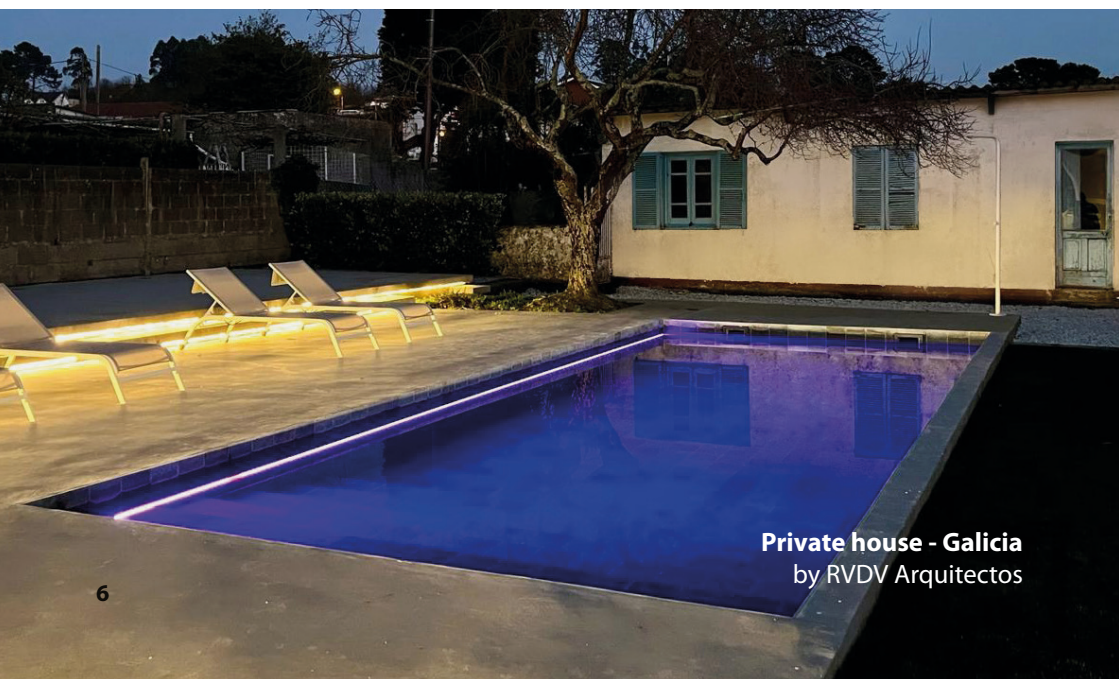
Coming soon...

We reduce delivery times



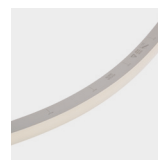
The technological change from PVC to silicone will allow us to make the coating of the Cougar IP68 strips directly at our Montmeló factory. Thanks to this significant improvement we can reduce delivery times to one week.

The local handling of Cougar IP68 strips guarantees not only greater efficiency in production, but also a faster and more effective response to our customers' needs. In this way we strengthen our commitment to customer satisfaction.

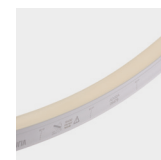


Private house - Galicia
by RVDV Arquitectos

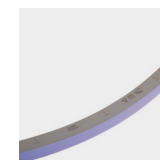
Index



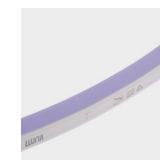
C012 VS
Cougar
Vertical bend
p.8



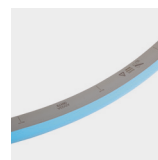
C012 HS
Cougar
Horizontal bend
p.8



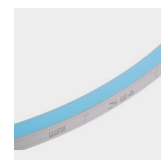
C012 RGB VS
Cougar RGB
Vertical bend
p.9



C012 RGB HS
Cougar RGB
Horizontal bend
p.9



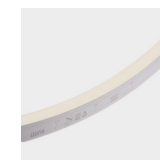
C015 RGBW VS
Cougar RGBW
Vertical bend
p.11



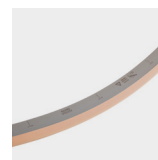
C015 RGBW HS
Cougar RGBW
Horizontal bend
p.11



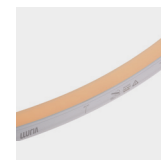
C012 DW VS
Cougar Double White
Vertical bend
p.12



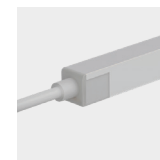
C012 DW HS
Cougar Double White
Horizontal bend
p.12



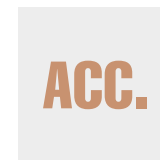
C012 18-30 VS
Cougar Dim to Warm
Vertical bend
p.14



C012 18-30 HS
Cougar Dim to Warm
Horizontal bend
p.15



**IP68
Connectors**
p.16



ACC.
Accessories
p.18

C012-VS

Cougar
Vertical bend

12
W/m

3
Warranty
Years

IP
68

IK08

CRI
>80

3
MacAdam
STEPS

LED SMD
2835

108
LED/m

55,6mm

Custom

113°

r min
15cm

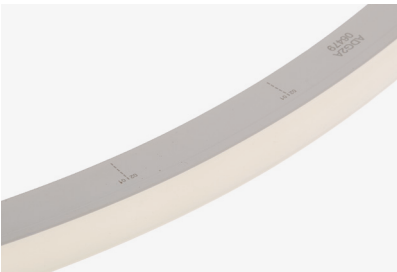
24V
DC

UV

2 m
max

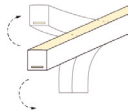
+55°C
-40°C

Si¹⁴
SILICON
28.085

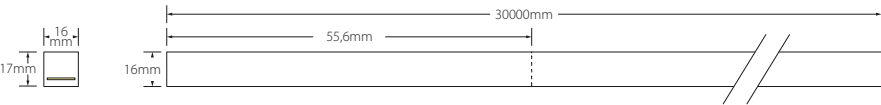


Code	CCT	Lm/m	Lm/W
C012-22-VS	2200K	450	38
C012-27-VS	2700K	565	47
C012-30-VS	3000K	565	47
C012-40-VS	4000K	580	48
C012-57-VS	5700K	580	48

For other temperatures and colours, please contact us.



DATA
SHEET



C012-HS

Cougar
Horizontal bend

12
W/m

3
Warranty
Years

IP
68

IK08

CRI
>80

3
MacAdam
STEPS

LED SMD
2835

108
LED/m

55,6mm

Custom

116°

r min
15cm

24V
DC

UV

2 m
max

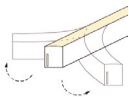
+55°C
-40°C

Si¹⁴
SILICON
28.085

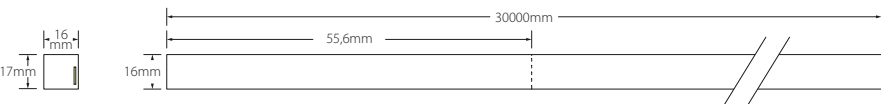


Code	CCT	Lm/m	Lm/W
C012-22-HS	2200K	380	31
C012-27-HS	2700K	470	39
C012-30-HS	3000K	470	39
C012-40-HS	4000K	480	40
C012-57-HS	5700K	480	40

For other temperatures and colours, please contact us.



DATA
SHEET



C012 RGB VS

Cougar RGB
Vertical bend

12
W/m

3
Warranty
Years

IP
68

LED SMD
5050

84
LED/m

RGB

83,3mm

Custom

3n1

118°

r min
15cm

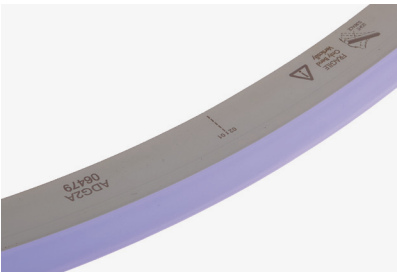
24V
DC

UV

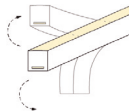
2 m
max

+55°C
-40°C

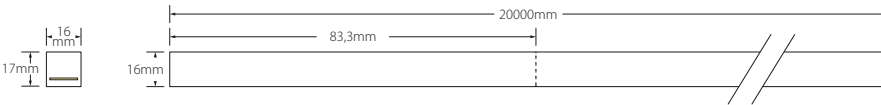
Si¹⁴
SILICON
28.085



Code	CCT	Lm/m	Lm/W
C012-RGB-VS	Red	90	
	Green	240	
	Blue	40	



DATA
SHEET



C012 RGB HS

Cougar RGB
Horizontal bend

12
W/m

3
Warranty
Years

IP
68

LED SMD
5050

84
LED/m

RGB

83,3mm

Custom

3n1

118°

r min
15cm

24V
DC

UV

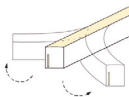
2 m
max

+55°C
-40°C

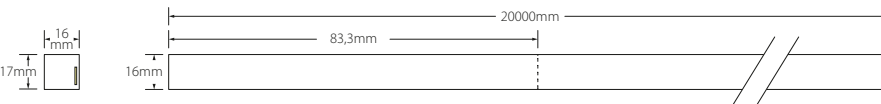
Si¹⁴
SILICON
28.085



Code	CCT	Lm/m	Lm/W
C012-RGB-HS	Red	85	
	Green	225	
	Blue	35	



DATA
SHEET



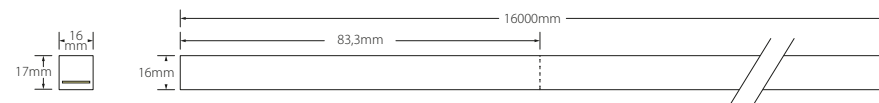
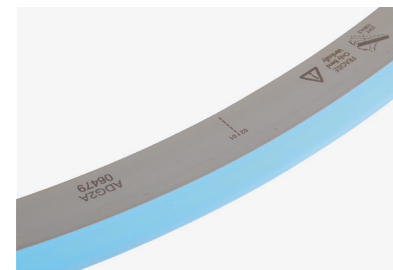


Pignatelli Park - Zaragoza
by Saltoki

CO15 RGBW VS

Cougar RGBW
Vertical bend

15 W/m	3 Years Warranty	IP 68	IK08	LED SMD 5050	84 LED/m	RGB	83,3mm	Custom
4n1	113°	r min 15cm	24V DC	UV	2 m max.	+55°C -40°C	Si ¹⁴ SILICON 28.085	



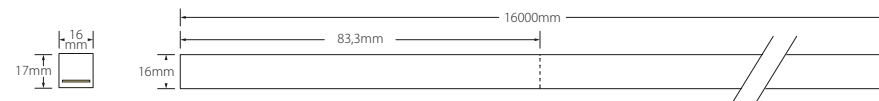
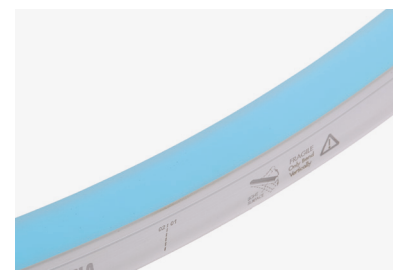
Code	CCT	Lm/m	Lm/W
CO15-RGB-27-VS	Red	90	
	Green	240	
	Blue	40	
	2700K	240	
CO15-RGB-40-VS	Red	90	
	Green	240	
	Blue	40	
	4000K	240	

For other temperatures and colours, please contact us.

CO15 RGBW HS

Cougar RGBW
Horizontal bend

15 W/m	3 Years Warranty	IP 68	IK08	LED SMD 5050	84 LED/m	RGB	83,3mm	Custom
4n1	113°	r min 15cm	24V DC	UV	2 m max.	+55°C -40°C	Si ¹⁴ SILICON 28.085	



Code	CCT	Lm/m	Lm/W
CO15-RGB-27-HS	Red	85	
	Green	220	
	Blue	35	
	2700K	240	
CO15-RGB-40-HS	Red	85	
	Green	220	
	Blue	35	
	4000K	240	

For other temperatures and colours, please contact us.

C012 DW VS

Cougar Double White
Vertical bend

12
W/m

3
Warranty
Years

IP
68

IK08

CRI
>80

LED SMD
3015

144
LED/m

83,3mm

Custom

116°

1 min
15cm

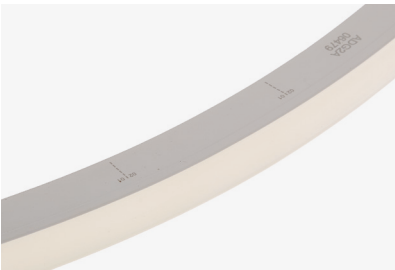
24V
DC

UV

2 m
max.

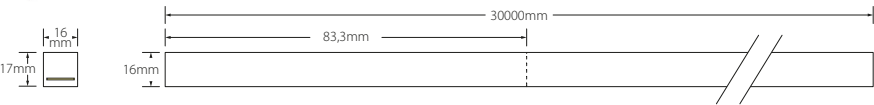
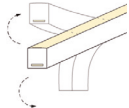
+55°C
-40°C

Si¹⁴
SILICON
28.085



Code	CCT	Lm/m	Lm/W
C012-22-57-VS	2200K	220	
	5700K	270	

For other temperatures and colours, please contact us.



C012 DW HS

Cougar Double White
Horizontal bend

12
W/m

3
Warranty
Years

IP
68

IK08

CRI
>80

LED SMD
3015

144
LED/m

83,3mm

Custom

110°

1 min
15cm

24V
DC

UV

2 m
max.

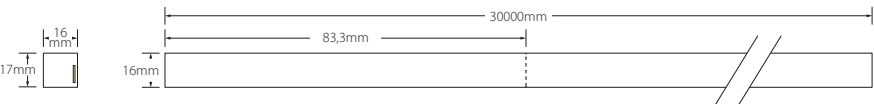
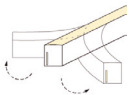
+55°C
-40°C

Si¹⁴
SILICON
28.085



Code	CCT	Lm/m	Lm/W
C012-22-57-HS	2200K	220	
	5700K	270	

For other temperatures and colours, please contact us.



C012 18-30 VS

Cougar Dim to Warm
Vertical bend

12
W/m

3
Warranty
Years

IP
68

IK08

CRI
>80

LED SMD
3015

196
LED/m

62,5mm

Custom

113°

1 min
15cm

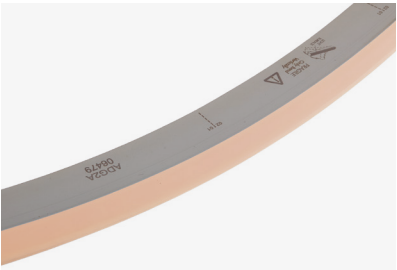
24V
DC

UV

2 m
max.

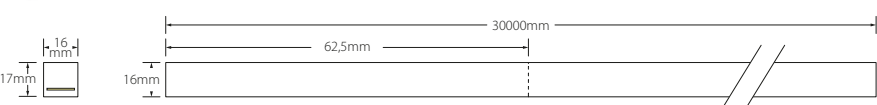
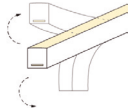
+55°C
-40°C

Si¹⁴
SILICON
28.085



Code	CCT	Lm/m	Lm/W
C012-18-30-VS	1800K	3,5	
	3000K	600	50

For other temperatures and colours, please contact us.



C012 18-30 HS

Cougar Dim to Warm
Horizontal bend

12
W/m

3
Warranty
Years

IP
68

IK08

CRI
>80

LED SMD
3015

196
LED/m

62,5mm

Custom

113°

1 min
15cm

24V
DC

UV

2 m
max.

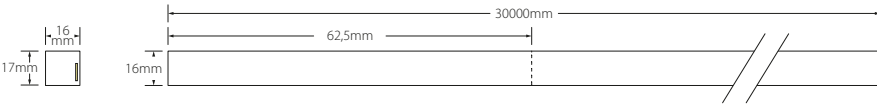
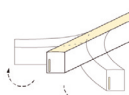
+55°C
-40°C

Si¹⁴
SILICON
28.085



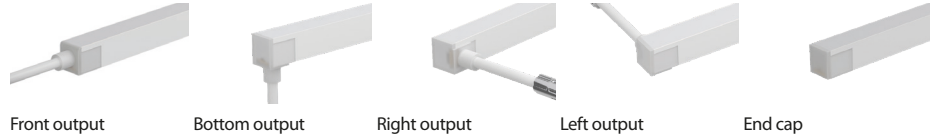
Code	CCT	Lm/m	Lm/W
C012-18-30-HS	1800K	3	
	3000K	500	42

For other temperatures and colours, please contact us.



Connectors

IP68 connectors



CO12-VS

111210321S	Front output IP68 connector with 5m cable
111210322S	Bottom output IP68 connector with 5m cable
111210323S	Right output IP68 connector with 5m cable
111210324S	Left output IP68 connector with 5m cable
110210320S	IP68 end cap

CO12-HS

111211321S	Front output IP68 connector with 5m cable
111211322S	Bottom output IP68 connector with 5m cable
111211323S	Right output IP68 connector with 5m cable
111211324S	Left output IP68 connector with 5m cable
110211320S	IP68 end cap

CO12-RGB-VS

111210341S	Front output IP68 connector with 5m cable
111210342S	Bottom output IP68 connector with 5m cable
111210343S	Right output IP68 connector with 5m cable
111210344S	Left output IP68 connector with 5m cable
110210340S	IP68 end cap

CO12-RGB-HS

111211341S	Front output IP68 connector with 5m cable
111211342S	Bottom output IP68 connector with 5m cable
111211343S	Right output IP68 connector with 5m cable
111211344S	Left output IP68 connector with 5m cable
110211340S	IP68 end cap

CO15-RGBW-VS

111210351S	Front output IP68 connector with 5m cable
111210352S	Bottom output IP68 connector with 5m cable
111210353S	Right output IP68 connector with 5m cable
111210354S	Left output IP68 connector with 5m cable
110210350S	IP68 end cap

CO12-DW-VS

111211331S	Front output IP68 connector with 5m cable
111211332S	Bottom output IP68 connector with 5m cable
111211333S	Right output IP68 connector with 5m cable
111211334S	Left output IP68 connector with 5m cable
110211330S	IP68 end cap

CO12-DW-HS

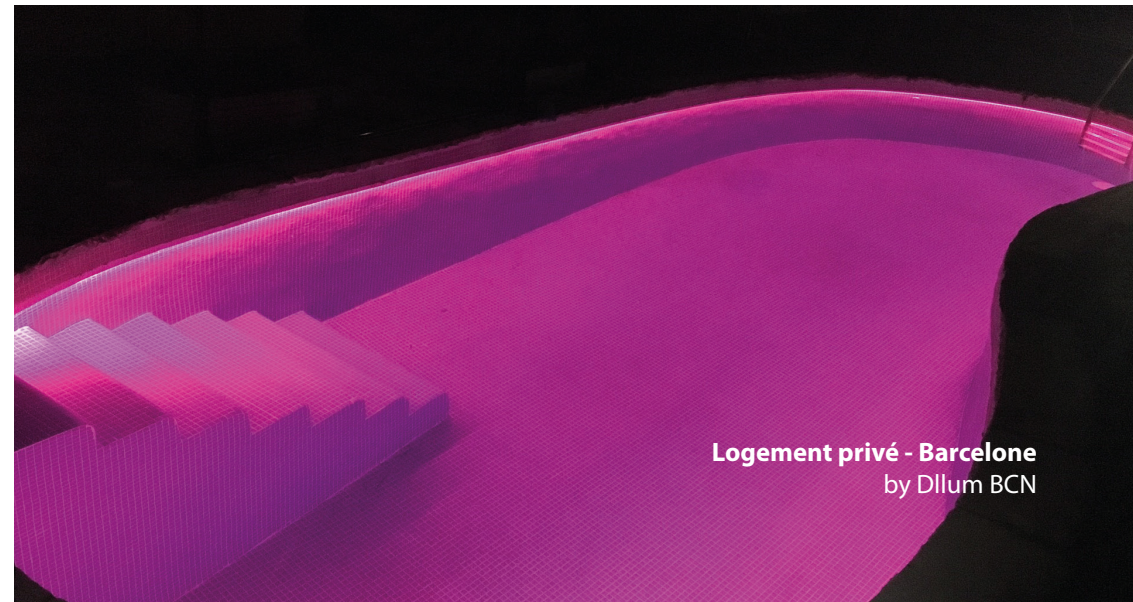
111211331S	Front output IP68 connector with 5m cable
111211332S	Bottom output IP68 connector with 5m cable
111211333S	Right output IP68 connector with 5m cable
111211334S	Left output IP68 connector with 5m cable
110211330S	IP68 end cap

CO12-18-30-VS

111213321S	Front output IP68 connector with 5m cable
111213322S	Bottom output IP68 connector with 5m cable
111213323S	Right output IP68 connector with 5m cable
111213324S	Left output IP68 connector with 5m cable
110213320S	IP68 end cap

CO12-18-30-HS

111214321S	Front output IP68 connector with 5m cable
111214322S	Bottom output IP68 connector with 5m cable
111214323S	Right output IP68 connector with 5m cable
111214324S	Left output IP68 connector with 5m cable
110214320S	IP68 end cap



Logement privé - Barcelone
by DIIlum BCN

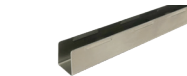
Accessoires

Cougar



1240305501
1m flexible silicone surface profile.

New



1240302409010
1m stainless steel surface profile.

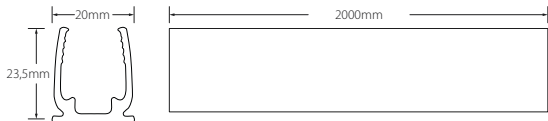
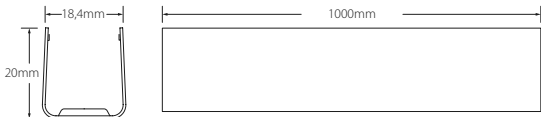
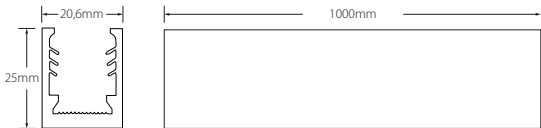
New



12240302350
2m transparent PC surface profile.

New

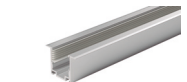
This profile does not allow cutting. Other sizes available on request.



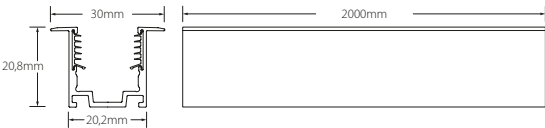
Cougar vertical bend



1240302007
2m aluminium surface profile.



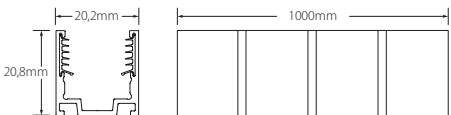
1240303007
2m aluminium recessed profile.



Cougar horizontal bend



1240305007
1m recessed, flexible aluminium-faced profile.



Cougar

Code	
1240305501	1m flexible silicone surface profile. White.
1240305502	1m flexible silicone surface profile. Black.
1240302409010	1m stainless steel surface profile.
12240302350	2m transparent PC surface profile.

Cougar vertical bend

Code	
1240302007	2m aluminium surface profile.
1215202007	20mm cut-off for 1240302007 profile.
1240303007	2m aluminium recessed profile.
12503070	Metal clamping piece.
234001070	Metal swing clamp.
235001070	Aluminium wall bracket.

Cougar vertical bend

Code	
1240302007	2m aluminium surface profile.
1215202007	20mm cut-off for 1240302007 profile.
1240303007	2m aluminium recessed profile.
1240305007	1m aluminium recessed flex profile.
12503070	Metal clamping piece.
234001070	Metal swing clamp.
235001070	Aluminium wall bracket.

IP68 assembly instructions





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